

ROOF ELECT. PLAN - PENTHOUSE (WEST)
SCALE: NONE

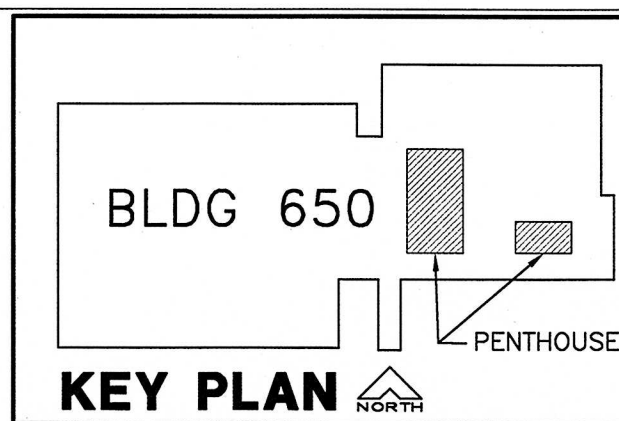
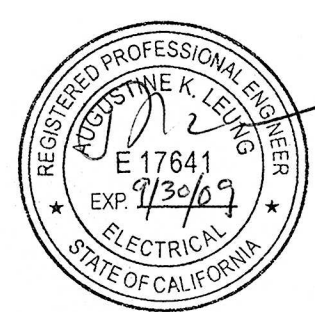
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GENERAL NOTES:

- FOR SIMPLICITY AND CLARITY BRANCH FEEDER CONDUIT AND WIRES IS NOT SHOWN ON THE DRAWING. ONLY CIRCUIT NUMBER TO THE EQUIPMENT AND HOMERUNS ARE SHOWN. CONTRACTOR SHALL PROVIDE AND INSTALL BRANCH FEEDER CONDUITS, OUTLET BOXES, WIRES AND JUNCTION BOXES FOR NEW WIRING INSTALLATION.
- MINIMUM WIRE SIZE SHALL BE AWG #12 FOR POWER AND AWG #14 FOR CONTROL.
- ALL OUTDOOR CONDUITS SHALL BE RGS. CONDUIT WHICH LIES ON THE ROOF TOP SHALL BE SUPPORTED BY WOOD BLOCKS ANCHORED TO THE ROOF EVERY 10 FEET.
- REFER TO MECHANICAL DRAWINGS FOR DETAILS.
- ALL OUTDOOR ELECTRICAL EQUIPMENT SHALL BE IN NEMA 3R ENCLOSURES, UNLESS OTHERWISE NOTED.
- MAINTAIN WORKING CLEARANCE SPACE PER NEC. COORDINATE WITH OTHER TRADES ON SPACE REQUIREMENTS.
- ROUTE CONDUITS BELOW ROOF AND PENETRATE THRU ROOF AT EQUIPMENT LOCATION, WHENEVER POSSIBLE.
- CONTRACTOR SHALL PROVIDE ALL CONDUITS AND WIRING PER MANUFACTURER'S RECOMMENDATION FOR ALL REQUIRED CONTROL, MONITORING, SIGNAL AND ALARM SYSTEMS.
- SEE SINGLE LINE DIAGRAM - NEW WORK FOR DETAILS.
- PROVIDE CONDUIT AND WIRING MATCHING EXISTING FOR SIGNAL CIRCUIT TO FIRE ALARM SYSTEM. SEE MECHANICAL DWGS FOR REQUIREMENTS.

SHEET NOTES:

- NEMA SIZE 0, 600VAC, 60HZ, 2 POLE SINGLE PHASE, FULL VOLTAGE STARTER WITH STARTER COIL VOLTAGE MATCHING CONTROL CIRCUIT.
- PROVIDE O.L. HEATER PER EQUIPMENT MANUFACTURER'S RECOMMENDATION.
- PROVIDE FREE STANDING SELF SUPPORTING MOUNTING STAND AS REQUIRED.
- DISCONNECT AND VFD PROVIDED BY EQUIPMENT SUPPLIER.
- PROVIDE FUSES PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE 3/4"C AND WIRING FOR CONTROL CIRCUIT.
- WIRE CONTROL AND POWER CIRCUIT, PROVIDE POWER, AS REQUIRED. SEE MECHANICAL DWGS FOR REQUIREMENTS.
- PROVIDE WITHIN SIGHT DISCONNECT SWITCH.
- NOT USED.
- NOT USED.
- PROVIDE WARNING LABEL ON MOTOR STARTER "CONTROL POWER FROM A SEPERATE SOURCE."
- 30A, 600VAC, 3 POLE, HEAVY DUTY FUSIBLE SAFETY SWITCH



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Revisions:
Approved:
Approved:

Drawing Title:
ELECTRICAL ROOF PLAN
PENTHOUSE AREA
Approved: Medical Center Director
Approved: Chief, Engineering Service
Drawn: MSA
Checked: AL

Project Title:
BLDG 650
REPLACE AIR HANDLERS
1 THRU 4,
7 AND 9 - 15
Building Number:
Location: MATHER VAMC
MATHER CALIFORNIA

Date: 08/25/08
Project No.: 61244-07-342

DRAWING No.
E3.1
Dwg. Of

